WHAT IS CLAIMED IS:

1. An apparatus for controlling a plurality of hydraulic motors and a clutch in which a single driving shaft is driven by outputs of a plurality of hydraulic motors, and one of the plurality of hydraulic motors drives the driving shaft through the clutch, comprising:

zero tilt rotation fixing means for fixing the tilt rotation amount of a first hydraulic motor to zero when a zero fixing pressure (Pcs=Pf) of a predetermined value is input;

a clutch that is disengaged when a release pressure (Pk) of a predetermined value that is larger than the zero fixing pressure (Pf) is input;

hydraulic vehicle speed detecting means for detecting a vehicle speed by a vehicle speed signal pressure (Pv) based on a vehicle speed; and

control valve means that releases an output command pressure (Pcs) to a return pressure (Pt) connected to a tank until a vehicle speed signal pressure (Pv) received from the hydraulic vehicle speed detecting means reaches a start pressure (Pb) of a predetermined value, and begins to output the command pressure (Pcs) to the zero tilt rotation fixing means and the clutch when the vehicle speed signal pressure (Pv) exceeds a predetermined value.

2. An apparatus for controlling a plurality of

hydraulic motors and a clutch in which a single driving shaft is driven by outputs of a plurality of hydraulic motors, and one of the plurality of hydraulic motors drives the driving shaft through the clutch, comprising:

a first servo valve that controls the tilt rotation amount of a first hydraulic motor, and sets the tilt rotation amount of the first hydraulic motor to a zero tilt rotation amount when a zero fixing pressure (Pcs=Pf) of a predetermined value is input;

a clutch that is disengaged when a release pressure (Pk) of a predetermined value that is larger than the zero fixing pressure (Pf) of the predetermined value is input;

hydraulic vehicle speed detecting means for detecting a vehicle speed by a vehicle speed signal pressure (Pv) based on a vehicle speed; and

control valve means that releases an output command pressure (Pcs) to a return pressure (Pt) connected to a tank until a vehicle speed signal pressure (Pv) received from the hydraulic vehicle speed detecting means reaches a start pressure (Pb) of a predetermined value, and begins to output the command pressure (Pcs) to the first servo valve and the clutch when the vehicle speed signal pressure (Pv) exceeds a predetermined value.

3. An apparatus for controlling a plurality of hydraulic motors and a clutch in which a single driving shaft is driven by outputs of a plurality of hydraulic motors, and

one of the plurality of hydraulic motors drives the driving shaft through the clutch, comprising:

a first servo valve that controls the tilt rotation amount of a first hydraulic motor, and sets the tilt rotation amount of the first hydraulic motor to a zero tilt rotation amount when a zero fixing pressure (Pcs=Pf) of a predetermined value is input;

a zero tilt rotation detecting valve that detects the tilt rotation amount of the first hydraulic motor, and causes a command pressure (Pcs) to be in communication with the clutch to disengage the clutch when the zero tilt rotation amount is detected;

hydraulic vehicle speed detecting means for detecting a vehicle speed by a vehicle speed signal pressure (Pv) based on a vehicle speed; and

control valve means that releases an output command pressure (Pcs) to a return pressure (Pt) connected to a tank until a vehicle speed signal pressure (Pv) received from the hydraulic vehicle speed detecting means reaches a start pressure (Pb) of a predetermined value, and begins to output the command pressure (Pcs) to the first servo valve and the zero tilt rotation detecting valve when the vehicle speed signal pressure (Pv) exceeds a predetermined value.

4. An apparatus for controlling a plurality of hydraulic motors and a clutch in which a single driving shaft is driven by outputs of a plurality of hydraulic motors, and

one of the plurality of hydraulic motors drives the driving shaft through the clutch, comprising:

zero tilt rotation fixing means for fixing the tilt rotation amount of a first hydraulic motor to zero when a zero fixing pressure (Pcs=Pf) of a predetermined value is input;

a clutch that is disengaged when a release pressure (Pk) of a predetermined value that is larger than the zero fixing pressure (Pf) is input;

hydraulic vehicle speed detecting means for detecting a vehicle speed by a vehicle speed signal pressure (Pv) based on a vehicle speed; and

control valve means that outputs an output command pressure (Pcs) to the zero tilt rotation fixing means and the clutch when the vehicle speed signal pressure (Pv) received from the hydraulic vehicle speed detecting means is larger than a predetermined value (Pb), while it begins to release the command pressure (Pcs) to a return pressure (Pt) connected to a tank when the vehicle speed signal pressure (Pv) becomes smaller than the predetermined value (Pb).